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(74) Agent: **BOHMANN, Armin, K.**; Bohmann & Loosen, Sonnenstrasse 8, 80331 München (DE).

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(71) Applicant (for all designated States except US): **JULIUS-MAXIMILIANS- UNIVERSITÄT WÜRZBURG** [DE/DE]; Am Hubland, 97074 Würzburg (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MÜLLER, Thomas** [DE/DE]; Birkentalstrasse 9, 97209 Veitshöchheim (DE). **SEBALD, Walter** [DE/DE]; Meyer-Olbersleben-Strasse 7, 97074 Würzburg (DE).



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(54) Title: MUTEIN OF A BONE MORPHOGENETIC PROTEIN AND USE THEREOF

(57) **Abstract:** The present invention is related to a mutein of a bone morphogenetic protein, whereby the mutein comprises an amino acid substitution compared to the wildtype of the bone morphogenetic protein at the amino acid position corresponding to amino acid position 51 of human BMP-2.